

PIETSOV, A.M., kand. tekhn. nauk (Leningrad).

Analysis of harmonics of rectified current and voltage. Elektrichesvo
no. 12:9-14 D '58. (MIRA 11:3)
(Electric engineering)

PINTSOV, A.M.

2

621.314.0 : 621.3.045.534/33
3300. CALCULATION OF HARMONICS OF RECTIFIED
CURRENT AND VOLTAGE. A.M. Pintsov.
Elektricheskvo, 1954, No. 12, p.17. In Russian.

Blc

The method is based on the consideration of the rectifier and inverter as generators of harmonics with respect to the d.c. circuit. The harmonics of the e.m.f. of such a generator are found from its working conditions on no-load, i.e., from the condition that the converter circuit is connected to an infinite inductance on the d.c. side. There are no current harmonics in this case, the characteristics of the harmonics of the e.m.f. depending on the working conditions of the converter system, i.e. the generator is a product of the true conditions of commutation. The harmonics of the e.m.f. are then a function of the e.m.f. of the a.c. system and its parameters, as well as of ignition and commutation angles. The direct-current harmonics depend on the parameters of both the a.c. and d.c. systems and are found as quotient of the harmonics of the e.m.f., by the impedance of the converter circuit for the frequency concerned. The method is demonstrated with reference to a cascade connection of two 3-phase bridge circuits. The results are verified for the range of acoustic harmonics and the method may be applied to various types of converter circuits.

B.F.Kraus

Tell any

PINTSOV, A.M.; KRAYCHIK, Yu.S.

Operating regime of a three-phase bridge inverter fed by two single-phase transformers with windings connected in an open delta. Izv. NIIPT no. 4:97-113 '59.
(Electric transformers) (Electric current converters)

(MIRA 13:2)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3"

PINTUS, V.Ya.; RIPA-MEL'NIK, K.S.

Plywood manufacture in Finland and its characteristics. Der.prom.
9 no.11:27-29 N '60. (MIRA 13:12)
(Finland--Plywood)

PINTUSOV I.M., jt. au.

General application of Stakhanovite experience; from the practice of the Ural
Heavy Machinery Plant) Sverdlovsk. Gos. nauchno-tekhn izd vo mashinostroit.
lit-ry (Uralo-Sibirske otd-nie) 1952. 94 p (54-2441^n)

TJ130. U7KB

二、三、四

For the first time in history, the United States has been constructively represented at the Conference of the League of Nations.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001340920018-3"

SMIRNITSKIY, Yevgeniy Konstantinovich; KHIMICH, G.L., inzh., retsenzent;
PINTUSOV, I.M., inzh., red.; DUGINA, N.A., tekhn.red.

[Economic efficiency of new machinery designs] Ekonomicheskaiia
effektivnost' novykh konstruktsii. Moskva, Gos.sauchno-tekhn.
izd-vo mashinostr.lit-ry, 1959. 150 p. (MIRA 12:10)
(Machinery--Design)

NIKULIN, Aleksandr Prokop'yevich, sborschik mettallokonstruktsiy; SERGACHEV,
M.P., inzh., retsensent; PINTUBOV, I.M., inzh., red.; EUZNETSOV,
A.P., inzh., red.; DUGINA, N.A., techn.red.

[Efficient methods of assembling metal structures] Proizvoditel'nye
priemy sborki mettallokonstruktsii. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1958. 41 p.
(MIRA 12:3)

1. Uralmashzavod (for Nikulin).
(Building, Iron and steel)

KUZIN, R.P.; PINTUSOV, I.M.

[General application of Stakhanovite experience; from the practice of the
Ural Heavy Machinery Plant] Kompleksoe obobshchenie stakhanovskogo opyta.
is praktiki Uralsmashzavoda. Sverdlovsk, Gos.nauchno-tekhn.iza-vo mashino-
stroit.lit-ry [Uralo-Sibirske otd-nie] 1952. 94 p. (MLR 6:8)
(Efficiency, Industrial) (Industry--Organization, control, etc.)

PINTUSOV, I.M.; YARKHO, Ya. A., inzhener, rezensent; VOLKOV, A.A.
inzhener, redaktor; SAYSAAGANSKIY, T.D., redaktor; POPOLOV, Ya.N.
redaktor; UVAROVA, A.P., tekhnicheskiy redaktor.

[Organization and planning of production in metallic construction
shops] Organizatsiya i planirovaniye proizvodstva v tsakhakh
metallicheskikh konstruktsii. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1955. 87 p. (MLRA 4:10)
(Machinery industry)

PINTYUKOV, I., rabochiy

A great force. Sov. shakht. 11 no.9:22-24 S '62. (MIRA 15:9)

1. Shakhta "Chertinskaya-Yuzhnaya" tresta Belovugol' v Kuzbasse.
(Kuznetsk Basin—Coal mines and mining—Equipment and supplies)

CA
PINTU, H M

Blood enzymes of animals poisoned with carbon monoxide. A. A. Pintu and
B. M. Bujco. *Zhur. exp. Biol. Med.* 12, 390 (1929). - The catalase, protease and
lipase contents of the blood were detd. in dogs and cats which had been poisoned in a
chamber containing 0.5-0.9% CO. The poisoning was made once or several times daily
for a period of 7-10 days. No appreciable alterations in the blood enzymes content have
been observed in these expts.

S. Monowitz

PINUS, A.A.; NOVIKOVA, A.P.

Pathological anatomy of acute and subacute phases of radiation sickness in animals exposed to uranium decomposition products.
Med. rad. 5 no.4:43-47 Ap '60. (MIA 13:12)
(URANIUM—ISOTOPES) (RADIATION SICKNESS)

PINUS, A.A. (Moskva)

Pathohistological changes in the body of white rats following peroral administration radioactive sodium. Arkh. pat. 22 no. 10:47-49 '60. (MIRA 13:12)

1. Iz otdela radiatsionnoy gigiyeny (zav. - prof. M.G. Durmish'-yan) i patologoanatomicheskoy laboratorii (zav. - prof. A.A. Pinus) Moskovskogo instituta sanitarii i gigiyeny imeni F.F. Erismana (dir. - dotsent A.Z. Belousov).
(RADIATION SICKNESS) (SODIUM-ISOTOPES)

САВЕЛОВА, В.А.; БОЛГ. ЧЕРН., ЕДИЧКА, А.А., СИДОРЕНКО,

Экспериментальное определение максимальной концентрации вредных веществ
в воде с помощью метода гравиметрического анализа. Ученые записки
Института химии Академии наук Беларуси. № 10 (1983).

Методика определения концентрации вредных веществ в воде
по Ф.Ф. Матча.

EXCERPTA MEDICA Sec 5 Vol.11/8 Gen.Pathology Aug. 58

1941. MORBID ANATOMY OF THE LATER PHASES OF RADIATION DISEASE IN ANIMALS GIVEN DIVISION PRODUCTS OF URANIUM (Russian text) -

Ptinus A. A. - ARKH. PATOL. 1957, 19/9 (27-35) Illus. 9

Experiments on 32 animals (2 dogs, rabbits and rats). Oral introduction of the radioactive material in the 2 dogs, 2 rabbits and 6 rats; s.c., i.v. and intratracheal administration in the other experiments. The uranium products had a life of 1 to 1.5 yr.; the animals lived for 110 days to 1 yr. and 8 months. All animals showed marked emaciation (till 30-40% of their body weight), haemolysis with haemosiderosis and erythrophagocytosis, chronic nephrosis, hyalinosis of the vascular walls, swelling of the argyrophilic fibres in the visceral organs and atrophy of the testes. In addition osteogenic sarcoma was a regular finding in rats; here, the division products of the uranium could always be found, at times also in the liver and kidneys.

Brandt - Berlin (V, 14, 16)

Consequently, the first stage of the disease is characterized by a marked increase in the number of the small vessels of the skin, which are dilated and engorged. The second stage is characterized by the appearance of a large number of vesicles, which are filled with a clear fluid. The third stage is characterized by the formation of pustules, which are filled with a yellowish fluid. The fourth stage is characterized by the formation of crusts, which are formed by the coagulation of the exudate. The fifth stage is characterized by the formation of scars, which are formed by the contraction of the skin. The sixth stage is characterized by the formation of new skin, which is formed by the division of the epidermis.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001340920018-3"

LIKACHEV, N.V.; SYURIN, V.N.; TSION, R.A.; SHCHERBATYKH, P.Ya.;
ZOTOV, A.F.; SKOMOROKHOV, A.L.; PIROG, P.P.; PINUS, A.A.;
BAZYLEV, P.M.; NAZAROV, V.P.; OLOV, F.M., dots.;
USACHEVA, I.G., red.; YAKHNYKH, A.M., red.; BALLOD, A.I.,
tekhn. red.; POKOFEVVA, L.N., tekhn. red.

[Virus diseases of animals] Virusnye bolezni zhivotnykh.
Moskva, Sel'khozizdat, 1963. 564 p. (MIRA 17:1)

RINUS, A.A. (Moskva)

Pathological anatomy of late phases of radiation sickness in animal
poisoned by products of uranium fission [with summary in English].
Arkh.pat. 19 no.9:27-35 '57. (MIRA 10:1?)
(URANIUM, injurious effects,
late pathol. changes in dogs admin. uranium orod. (Rus))

PINUS, A.A., professor

Pathomorphological changes in animals after poisoning with radon
through respiratory organs. Med. rad. ? no.1:55-63 Ja-F '57
(MLRA 10:5)

(RADIUM, tox.
exper. radon pois. through resp. organs tract. pathol.
of organs lungs & spleen)
(LUNGS, pathol.
exper. radon pois. through resp. tract.)
(SPLEEN, pathol.
same)

PINUS, I. A.

PINUS, A. A. (Professor). The achievements of soviet scientists in the field of pathological anatomy of animals.

So: Veterinariya; 2h; 11; November 1967; Eng.

TABCON

PINUS, A. A.

"Pathomorphological Changes Occurring in Animals on Radon Poisoning Through the Organs of Respiration," by Prof A. A. Pinus, Meditsinskaya Radiologiya, Vol 2, No 1, Jan/Feb 57, pp 55-63

Autopsies were performed on the bodies of 243 animals, including 1098, rabbits, white mice and rats, and guinea pigs, most of which died as a result of the inhalation of radon. The remainder were sacrificed at predetermined periods after radon administration.

In most cases inflammatory changes were observed in the lungs, and in some cases (especially in the rabbits) in the pleura also. Pneumonia did not occur in the mice.

Histological examination of the organs of 146 animals revealed the following: (a) inflammation of the lungs was of a desquamative pneumonia type with various types of exudate (serious, fibrinous, hemorrhagic, suppurative) with a tendency to follow a chronic course (with small doses); (b) attention is drawn to the abundance of "alveolar macrophages" (sometimes of very large size); (c) bronchitis, peribronchitis, and often pan-bronchitis are observed; focal proliferation of the bronchial epithelium, sometimes its metaplasia, and frequently perivascular edema, are observed; (d) with time, singular changes appear in the bronchial and alveolar epithelium; a significant number of giant cells appear, the alveolar macrophages acquire an elongated form; frequently, in prolonged radiation sickness, glandlike formations appear, evidently from the bronchial epithelium (atypical regeneration); (e) degenerative changes appear in the spleen and lymph nodes; and (f) radon poisoning of the lungs leads to the development of "radiation pneumonia" analogous to that resulting in man and animals as a result of external irradiation by X rays and radioactive substances. (U)

54M.1345

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CIA-RDP86-00513R001340920018-3

PINUS. A. A. and ST. BERNARD, L. A.

"Second, if you will let me know what you think about the proposed changes in the Constitution, I will be glad to forward them to you."

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CIA-RDP86-00513R001340920018-3"

PINUS, A. LAJ

KOLYAKOV, Ya., PINUS, A., SHAPIRO, A.

Infectious Anemia, by Ya. KOLYAKOV, A. PINUS, A. SHAPIRO. Russian Book.
(Veterinarnyy Entsiklopedicheskiy Slovar, Vol.1, 1950, pp 386-393)
SO: [REDACTED] CTS: # 57; 28 Jul 1954; [REDACTED] deg

SKOMOROKHOV, A. and PINUS, A.

Foot and Mouth Disease, by A. SKOMOROKHOV and A. PINUS. Russian book
SC: Veterinary Entsiklopedicheskiy Slovar, Vol. II, p. 613-116; 1971

USSR/Human and Animal Morphology - Normal and Pathological. S
Anomalies of Development and Pathological Anatomy

Abs Jour : Ref Zhur Biol., No 11, 1958, 50425

Author : Pinus, A.A.

Inst : -

Title : Pathomorphological Changes in Animals Which were Poisoned by Radon Through Respiratory Organs.

Orig Pub : Med. radiologiya, 1957, 2, No 1, 55-63

Abstract : The majority of 34 dogs, 35 rabbits, 97 white rats, 35 guinea pigs and 42 white mice which either inhaled radon or received it intratracheally developed desquamative pneumonia with exudative manifestations of various types (serous, fibrinous, hemorrhagic, purulent) and a tendency towards chronic course of the pathological process when the doses of radon were small. An abundance of alveolar macrophages, giant cells, and "lipophages" was noted. Bronchitis, peribronchitis and not infrequently

Card 1/2

PETROV, N.V.; PIMUS, A.D.

[Measures to prolong the life of the poles of communication lines and
of high-voltage automatic block-signal lines] Meropriiatiiia po prod-
leniiu sroka sluzhby stolbov linii sviazi i vysokovol'tno-signal'nykh
linii avtoblokirovki. Moskva, 1959. 18 p. (Moscow. Vsesoiuznyi
nauchno-issledovatel'skii institut zhelezodorozhnogo transporta.
Soobshchenie, no.2). (MIRA 1):9)

(Wood--Preservation) (Electric lines--Poles)

PETROV, N.V., kand.tekhn. nauk.; PINUS, A.D., inzh.

Prolonging the life of poles. Avtom., telem. i sviaz' 2 no.10:14-16
O '58. (MIRA 11:10)
(Railroads--Communication systems)

10000 75
USCR/General Problems of Pathology Neoplasms.

Its four Ref DIA-3100 N = 1950, 37378

Chair: Pines, A.J.
Inst: First Penn City Medical Hospital
Title: Classification of Lung Cancer

10000 75
Inst: First Penn City Medical Hospital
Title: Classification of Lung Cancer

Abstract: No abstract

Duri: 14

145

PINUS, A. G.

Hypoplastic conditions of hematopoiesis and the possibility of
their conversion into leucoses. Probl. gemat. i perel. krovi
no. 10:29-31 '61. (MIRA 14:12)

1. Iz hematologicheskogo otdeleniya (zav. A. G. Pinus) 2-y
Rizhskoy gorodskoy bol'nitsy (glavnnyy vrach V. R. Purnalis)

(LEUCOSIS) (HEMOPOIETIC SYSTEM—DISEASES)

USSR / General Problems of Pathology. Tumors. Human U
Neoplasms.

Abs Jour: Ref Zhur-Biol., No 11, 1958, 51752.

Author : Pinus, A. G.

Inst : Not given.

Title : The Nature of Hemopoietic Disorders in Acute Leu-
kosis.

Orig Pub: Probl. gematol. i perelivaniya krovi, 1957, 2,
No 1, 22-27, 63.

Abstract: The basic particularity of the hemopoietic dis-
order in acute leukosis (AL), as opposed to chro-
nic leukosis (CL) is the cessation of the process
of maturation of hemocytoblasts in the hemopoietic
organs which is manifested by simultaneous cessa-
tion of erythro-, leuko- and thrombocytopoiesis
and by anaplasia of the hemopoietic tissues asso-

Card 1/2

PINUS, A. G., (Riga)

Nomenclature of blood cells. Probl. genet. i perel. krovi no.12:
34-35 '61. (MIRA 15:6)

(BLOOD CELLS)

PINUS, A.G. (Riga)

Case of prolonged remission in acute leucosis-hemocytoblastosis.
Probl.gemat.i perel.krovi no.7:48-50 '62. (MIRA 15:c)

1. Iz hematologicheskogo otseleniya (zav. A.G. Pinus) 2-y
Rizhskoy gorodskoy bol'nitsy (glavnnyy vrach V.R. Purnalis).
(LEUKEMIA) (BLOOD CELLS)

PINUS, A.G.

Experience in organizing a municipal hematological center in Riga.
Probl. gemat. i perel. krovi 6 no.3:53-54 Mr '61. (MIR 14:3)
(RIGA--HEMATOLOGY)

PINUS, A.G., kand.med.nauk (Riga)

Possibilities of the use of roentgenotherapy in aleukemic leukoses.
Klin.med. 36 no.7:138-141 Jl '58 (MIRA 11:11)

1. Iz I Rigaškoy gorodskoy klinicheskoy bol'ničey (glavnyy
vrach E.V. Cherepovich).
(LEUKEMIA, ALEUKEMIC, ther.
x-ray ther. (Rus))
(RADIOTHERAPY, in various dis.
leukemia, aleukemic (Rus))

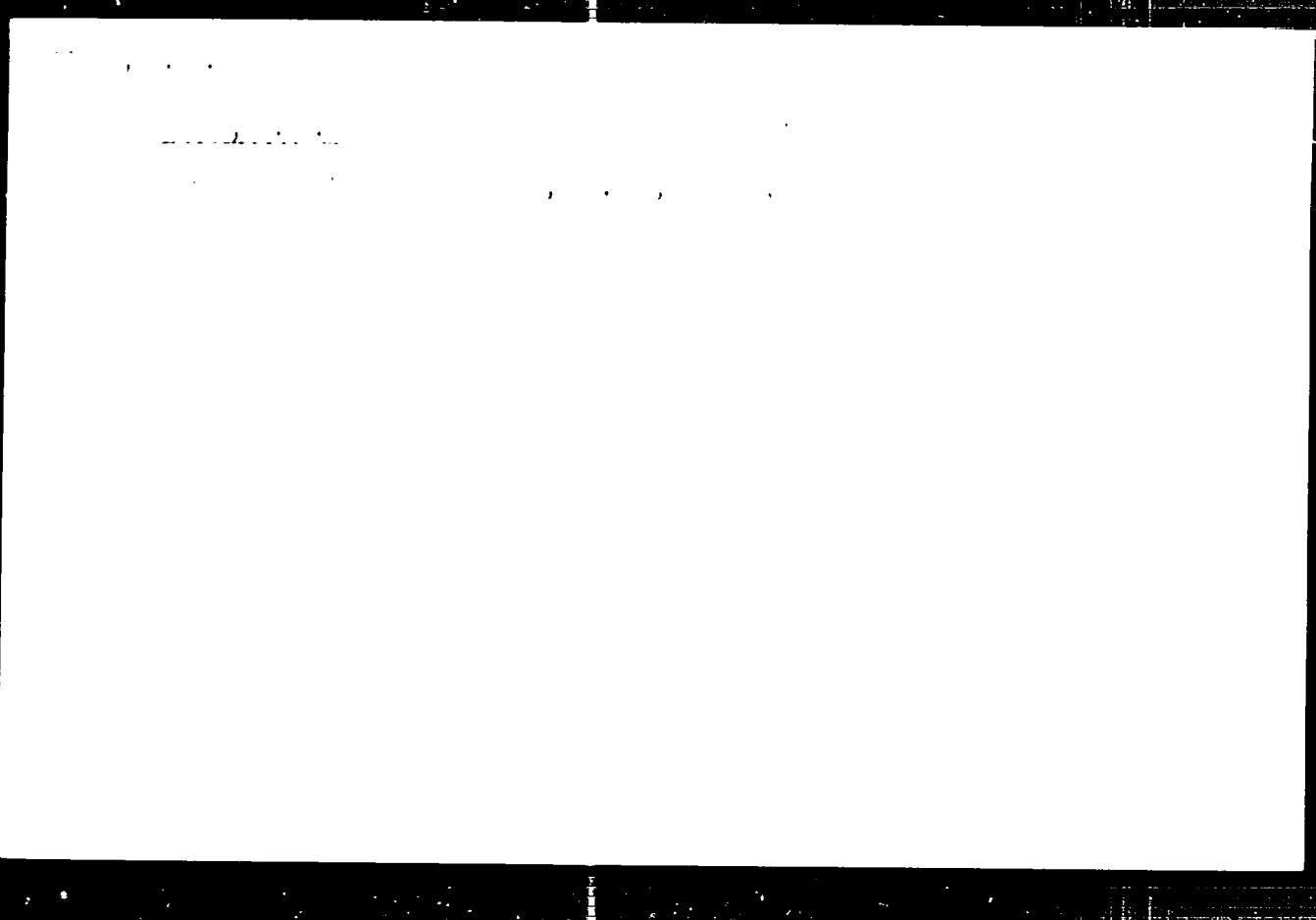
PINUS, A.G., knnd.mec.nauk

Functional and morphological characteristics of blood cells.
Med.sestrn 17 no.5:16-18 My'58 (MERA 11:6)

1. Iz 1-y Rizhskoy gorodskoy klinicheskoy bol'nitsy.
(BLOOD CELLS)

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PINUS, A. G.

Norms for myelograms. Sovet. med. no.9:11-13 Sept 1951.

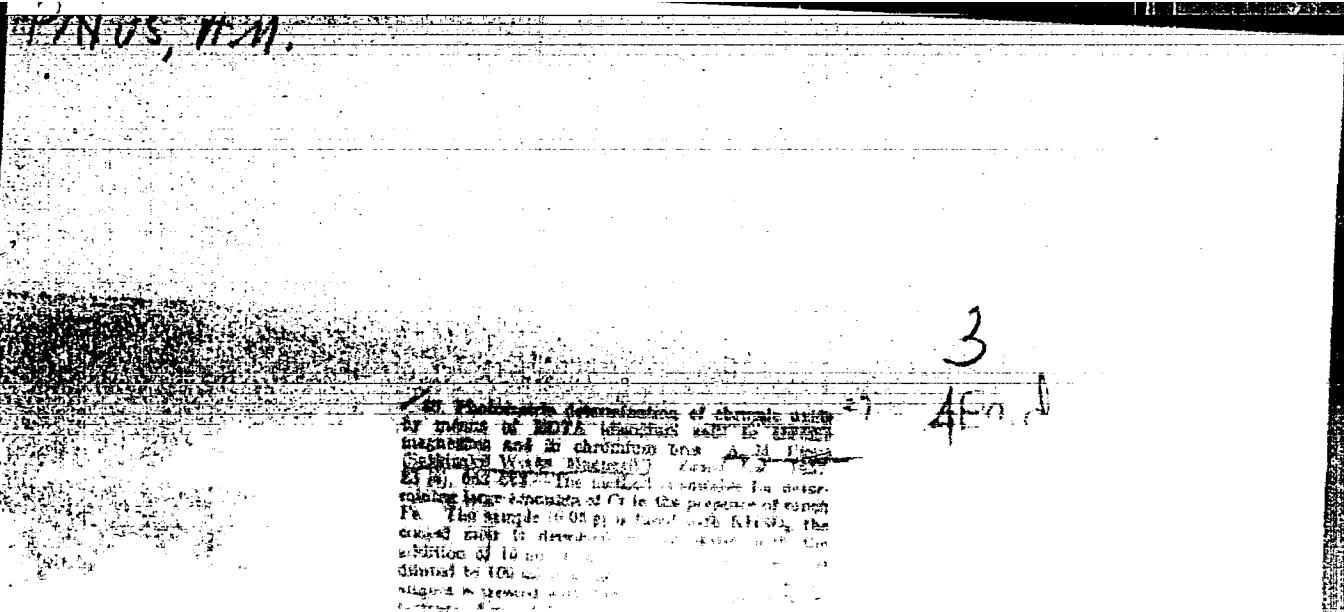
(CLWL 21:1)

1. Candidate Medical Sciences. 2. Of the Clinic of Hospital
Therapy (Head -- Prof. Ya. Ya. Mikel'son), Latvian State
University.

P. T.
"Peculiarities of Disturbance of Hemopoiesis in Acute Leukosis," A. G. Pinus, Candidate of Medical Sciences, First Riga City Clinical Hospital (chief physician, E. V. Cherepovich), Problemy Gematologii i Perelivaniya Krovi, Vol., No 1, Jan/Feb 17, pp 22 - 27

Blood studies conducted on patients with acute and chronic leukosis indicate that these are two distinct diseases. Disturbances of hemopoiesis in acute leukosis consist of inability for cell maturation although their proliferation is not disturbed. In chronic leukosis, on the contrary, only the process of leukopoiesis is disturbed; a massive proliferation of cells is not accompanied by disturbance of their maturation.

Since acute leukosis is connected specifically with lack of maturation of hemocytoblasts, the author suggests calling acute leukosis by the new name of **hemocytoblastosis**.



PINUS, A.M.

Photochromic detection of chromium oxide with - oxalate
in chromium magnesite, magnesite composite products and magnesite
ores. Zav. lab. 23 no. 6:562-462 in 1957.

1. Satskinskly zavod "Magnesit."
(Chromium content) Photochrometry

MOSCOW, USSR, RUSSIA

Rapid method for the analysis of selected earth oxides.
Ref. No. 7-104-16

1. Improved method for quickly reading the Densitometer.
(Metallic oxides)

AUTHOR:
TITLE:

PINUS,A.N.
The Photocolorimetical Determination of Cr₂O₃ with Complex III in Chromomagnesite, Magnesiochrome, and Chromium Ore Products. (Fotokolorimetricheskoye opredeleniye Cr₂O₃ s kompleksom III v khromomagnesite i tsvykh magnesitokhromitovkh izdeliyakh. I v khroma-
voy rude, Russian)
Zavodskaya Laboratoriya, 1957, Vol 23, Nr 6, pp 662-663 (U.S.S.R.)

PERIODICAL:

ABSTRACT: In connection with the control of the production of chromomagnesite and magnesiochrome products it is of particular importance to have a reliable and quick method of determining the chromium content. Until recently the persulfate silver method was employed, which took two hours for analysis. The present paper investigates the new method, and it is found that this so-called complexometric method is not applicable in practice in the suggested form because of the high degree of separation of chrome oxides and because of the disturbing effect of iron. It is recommended to bind iron with seignette salt in order to obtain a solid complex. The chrome oxide content is determined in the diapason of the concentrations of 4-40% Cr₂O₃, on which occasion an

Card 1/2

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1. [REDACTED]

2. [REDACTED]

3. [REDACTED]

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CIA-RDP86-00513R001340920018-3"

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

1051. MITOCHONDRIAL ACTION ON GLYCOLYSIS (Russian text) - Slesakian
N. M. and Pinus E. A. Inst. of Biochem. Acad. of Sci. of the USSR
Moscow - BYURAKHMIYA 1958 23, 6 (904-908), Graphs 2 Tables 2

High concentrations of liver mitochondria inhibit glycolysis of the soluble fraction of muscle homogenate, but low concentrations stimulate it. The mitochondrial effect on glycolysis is similar under aerobic and anaerobic conditions. The inhibitory effect of mitochondria becomes apparent at the stage intermediate between glucose 6-phosphate and hexose diphosphate, and the stimulating effect after formation of hexose diphosphate. Muscle mitochondria exert only a stimulating action upon glycolysis.

PINUS, S.R., Inst.; KOLESHOV, V., Inst.; GHEYN N., A.P., Inst.

Utilization of the waste from crushed carbonaceous rocks in concrete. Avt. dor. № 514-22 My 145. Minsk.

PINUS, Emil' Ruvimovich; RADIN, Anatoliy Maksimovich; YEGOROV, V.P.,
red.; GORYACHKINA, R.A., tekhn. red.

[Cement concrete] TSementobeton. Moskva, Avtotransizdat, 1962.
59 p.

(Concrete) (Pavements, Concrete)

PINTS, Emil'-Yakov Iuvimovich; KHMELEVSKIY, Valentin Nikoleyevich;
GANYUSHIN, A.I., red.; NIKOLAYEVA, L.N., tekhn. red.

[Handbook for the builder of cement and concrete pavements]
Pamiatka rabochemu na stroitel'stve tsementobetonnykh po-
krytii. Moskva, Nauchno-tekhn. izd-vo M-va avtorobil'nogo
transporta i shosseinykh dorog RSFSR, 1960. 39 p.
(MIRA 14:1)

(Road construction—Safety measures)

ZASHCHEPIN, Aleksey Nikitich, kand. tekhn. nauk; LEVITSKIY, Yevgeniy Fedorovich, inzh.; SUDZHAYEV, Ivan Alekseyevich, inzh.; OVCHAROV, Valentin Ivanovich, kand. tekhn. nauk; FILIUS, Emil' Iuvimovich, inzh.; MAGILEVICH, V.N., red.; ZUBKOVA, M.Z., red. izd-va; MAL'KOVA, N.V., tekhn. red.

[Highway concrete pavements] Betonnye pokrytiia avtomobil'nykh dorog. By A.N.Zashchepin i dr. Moscow, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. (MIRA 1:2)
381 p.

(Pavements, Concrete)

LEVITSKIY, Yevgeniy Fedorovich; FINIS, Emil' Kuvimovich; KIMELEVSKIY,
Valentin Nikolayevich; GANTUSHIN, A.I., red.; NIKOLAYEVA, I.V.,
tekhn. red.

[Modern methods of mechanization in the construction of concrete
pavements] Sovremennoye sredstva mekhanizatsii na stroitel'stve
betonnykh pokrytiy. Moscow, Nauchno-tekhn. izdat. po avtomat.
nogo transp. i shosseinykh dorog RSPSKh, 1961. 8. p. (MIRA L.)
(Pavements, Concrete)

PINUS, E.R.; BOBKOVÁ, M.S.

Repairing concrete surfacings near expansion joints. Avt. doz.
24 no. 3:27-28 '61. (MIRA 14:
(Pavements, Concrete--Maintenance and repair)

PINUS, E.R., inzh.

Methods for cementing fresh concrete with the old. Avt.dor.
25 no.12:22-23 D '62. (MIRA 16:2)
(Pavements, Concrete--Maintenance and repair)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3

PINTS, E.R., Inc.

Prototype two-layer concrete pavements. Avt. des. no. 511-11
JL 150. (CRA 171)
(Pavements, Concrete)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3"

PINUS, E.R., inzh.

Using new machinery units for laying concrete pavements.
Avt. dor. 21 no.12:8-9 D '58. (MIRA 12:1)
(Road machinery) (Pavements, Concrete)

DELL' 11, 10, "inch.; 11, .

Sainte-Croix - 1938 - 1000000000
Avt. der. 24. Oct. 1938 S. M.
(vacant, Concrete)

PINUS, B.R., inzh.

Making seams in hardened concrete pavements. Avt.dor. 22
no.1:26-28 Ja '59. (MIRA 12:?)
(Pavements, Concrete)

KRUGLOV, Yevgeniy Nikolayevich; PINUS, Emil'-Yakov Ruvimovich; YAKOVLEVA,
A.I., red.; GALAKTIONOVA, Ye.N., tekhn.red.; NIKOLAYEVA, L.N.,
tekhn.red.

[Constructing joints in cement-concrete pavements] Ustroistvo shvov
v tsementobetonnykh dorozhnykh pokrytiakh. Moskva, M-vo avtomac-
bil'nogo transp. i shosseinykh dorog RSFSR, 1960. 29 p.

(MIRA 15:-)

(Pavements)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3

MIN S. F., inzh.; POLYAKOVA, A., inzh. (Moskva)

Use local materials in road construction. MTO 2 no. 1:13-1-
Mr '60. (MIRA 13:6)
(Road materials)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3"

ARKHANGEL'SKIY, M.Ye.; PINUS, G.N.

Effect of ultrasonic vibrations on electrolyte diffusion into
a gelatin gel. Akust. zhur. 6 no.3:278-283 '60. (MIRAL 3:?)

1. Akusticheskiy institut AN SSSR, Moskva.
(Ultrasonic waves) (Diffusion) (Gelatin)

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26-2514

- 10 -

Alfredo Gómez

155

Journal of Health Politics, Policy and Law, Vol. 35, No. 4, December 2010
DOI 10.1215/03616878-35-4 © 2010 by The University of Chicago

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Journal of Health Politics, Policy and Law, Vol. 33, No. 3, June 2008
DOI 10.1215/03616878-33-3 © 2008 by The University of Chicago

TEXT - This is an important subject, and I have
done a great deal of research on it. A
good introduction would be to look at
the literature from the 1950's and 1960's.
The experiments of Dr. J. B. S. Haldane
and his colleagues at Cambridge University
are particularly interesting. They found
that when a person is exposed to a
high level of radiation, they can
experience a "sense of well-being" or
"euphoria". This is believed to be due to
the release of endorphins in the brain.
However, this effect is temporary and
can lead to addiction if repeated.
It is also important to note that
radiation can cause long-term health
problems, such as cancer and genetic
mutations. Therefore, it is important
to take appropriate safety measures
when working with radioactive materials.

APPROVED FOR RELEASE: 06/15/2000

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85746

Investigation of the Effect of Mechanical Vibrations on the Diffusion of an Electrolyte in Gelatin Gel

Acceleration of diffusion of the electrolyte with mechanical vibrations
The action of ultrasonic waves. First communication. Dr. I. B.
Rezenberg for his interest in this work. There are 3 figures. One is
presented in Soviet, German, and English.

ASSOCIATION: Akusticheskiy Institut AN SSSR Moscow
(Institute of Acoustics AS USSR, Moscow)

SUBMITTED April 14, 1962

Card 2

Ca

Z

Geologic structure of the Akitachatsu W deposit. G. A.
Pinus. Bull Acad Sci U R S S Ser geol 1940, No.
6, 135-49. Chem Zents 1941, III, 727. The deposit con-
tains many pneumatolytic minerals such as beryl, tour-
maline, topaz, fluorite and cassiterite, and no low-temp
Cu or Zn sulfides. Michael Fischer

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3"

Characteristics of some Jurassic coals of Tuva (G. V. Pinus, A. B. Travin, and V. A. Vekhov (West Siberian Branch, Acad. Sci. U.S.S.R., Novosibirsk). Doklady Akad. Nauk SSSR 77, 870 (XII 1951). - There is interstratification of shiny (85%) and dull varieties consisting mostly of structures vitrinite mass. Mineral formations are chiefly secondary carbonates. The dull variety contains also a large amount of quartz grains. Grains of pyrite are found occasionally. Coals are considered of good coking quality.

content of volatiles is high and S and ash are low. Ash analyzed SiO₂ 19.88, Al₂O₃ 14.25, FeO₂ 14.25, TiO₂ 0.42, MnO₂ 1.15, CaO 20.80, MgO 0.26, Na₂O 11.35, K₂O 1.84, and R₂O 0.47.

"APPROVED FOR RELEASE: 06/15/2000

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"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3

PIN-S.O.V.

Spatial association of hyperbasic intrusions to the origin of basic
rock. Trudy Gor.-geol.inst.Zap.-Sib.fil. AN SSSR no.13:17-22 '53.
(Rocks, Igneous) (MLRA 8:12)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3"

PINUS, G.V., KUZNETSOV, V.A., VOLOKHOV, I.M.; LEONT'YEV, L.I., doktor geologo-mineralogicheskikh nauk, otvetstvennyy redaktor; LADYCHUK, L.P., redaktor izdatel'stva; ASTAP'YEVA, G.A., tekhnicheskiy redaktor.

[Hyperbasic rock of Tuva] Giperbazity Tuvy. Moskva, Izd-vo Akad. nauk SSSR, 1955. 133 p. (Trudy Tuvinskoi kompleksnoi ekspeditsii, no.2) (MLRA 10:5)

(Tuva Autonomous Province--Petrology)

PINUS - G.V

G7
Geological character of the intrusive rock complex¹ of the Tuva-Ola Range. O. V. Pines, Dubrovy Abov. *Nauk S.S.R.* 194, 505-51 (1965).—By projecting the Zavaritskii parameters of chem. analyses of the rock series, a complete differentiation scheme is developed; this scheme comprises rocks from the basic olivine norites and gabbros to diorites, quartz diorites, granodiorites, and granites (analogous to Daly's differentiation series). P. concludes that the rock complex belongs to the calc-alk. class which is characteristic for intrusions in the mobile geotectonic zones of orogens. Specific mark of the chem. character of the Tuva-Ola rocks is the distinctly sodic type. In the earlier phases of the intrusions, the rocks contain increased amt. of CaO in the feldspars. The rocks of the later phases are supersat. in Al_2O_3 , and are only moderately rich in alkalies. In distinction from the latter types, the younger series of rocks in the Tuva intrusions has a well-developed alk. character; the most saline members of this series show potassic features. W. Eitai

KUZNETSK, A., TUB.

CONTROVERSIES ON THE GEOLOGY OF TUVA. "Brief geological
controversies on the geology of Tuva." (Leont'ev, N. N.)
Izdatelstvo Nauk. i Tekhn. Literatury, Leningrad, 1954. (LNU. 17.4)

CONTROVERSIES ON THE GEOLOGY OF TUVA. "Brief geological
controversies on the geology of Tuva." (Leont'ev, N. N.)
Izdatelstvo Nauk. i Tekhn. Literatury, Leningrad, 1954. (LNU. 17.4)

PINUS, G. V.

Peculiarities of composition of ultrabasic rocks comprising ultramafic rocks of the zones of folded regions. (For example, study of ultramafites of Altai-Sayan region). G. V. Pinus. *Miner. Geol. Inst. West Siberian Branch Acad. Sci. U.S.S.R. Novosibirsk*. Izv. Akad. Nauk S.S.R., Ser. Geol. 1957, No. 3, 27-36. → A consideration of the peculiarities of compn. of the ultrabasic rocks comprising the ultramafic zone of folded regions. In one of the examples, P. shows the differences in compn. of ultrabasic rocks formed by deep peridotite magma; and those arising as a result of differentiation of basaltic magma. Graphical presentation of data includes the following: (1) vector diagrams of compns. of ultrabasic rocks formed by peridotite magma and by basaltic magma; (2) variation curves of frequency of occurrence and content of several elements in ultramafites of Altai-Sayan areas; and (3) curves showing frequency of occurrence of different ratios of Mg to Fe in chem. analyses of ultrabasic rocks of different genesis. Chem. and spectral analyses of ultramafites are given. 12 references.

Gladys S. Macy

44 any

AUTHOR: Finus, G.V. 11-8-12 14

TITLE: Letter to the Editorial Office of the Magazine "Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya" (V redaktsiyu zhurnala "Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya")

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1957, v. 8, p. 111 (USSR)

ABSTRACT: The author refers to his paper published in # 3, 1957, of this magazine, in which a vectorial diagram was inserted which characterized the composition of ultrabasic rocks of the Altai-Tayyan hyperbasic formation. The author notes that he did not mention in his paper that this diagram was devised by the method of Academician A.N. Zavaritskiy with some changes proposed by N.E. Sobolev, and that he wished to correct this omission by the present letter.

SUBMITTED: 27 May, 1957

AVAILABLE: Library of Congress

Card 1/1

3(5)

PHASE I BOOK EXPLOITATION

SOV/1485

Pinus, Georgiy Vladimirovich, Valeriy Alekseyevich Kuznetsov and Ivan Mikhaylovich Volokhov

Uperbazity Altaye-Sayanskoy skladochatoy oblasti (Ultrabasic Rocks of the Altay-Sayan Folded Region) Moscow, Izd-vo AN SSSR, 1958.
293 p. 1,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut geologii i geofiziki.

Resp. Ed.: A.P. Lebedev; Ed. of Publishing House: G.G. Mergasov; Tech. Ed.: P.S. Kashina.

PURPOSE: The textbook is intended for exploration geologists engaged in the search for minerals genetically related to ultrabasic rocks.

COVERAGE: This is the first summary treatment of the ultrabasic rocks of the Altay-Sayan folded region. The book describes the various ultrabasic zones, the distribution of both zones and massifs, the petrographic characteristics of rocks and related formations, as well as the petrochemical characteristics of the complex. In addition to

Card 1/5

Ultrabasic rocks (Cont.)

SOV/1485

citing the current opinions of other authorities, the writers offer their own concepts on magmatics and the origin of the ultrabasic rocks of the region. There are 59 diagrams, 14 tables, and 213 references of which 184 are Soviet, 25 English, 2 German, 1 Dutch, and 1 French.

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SOV/1485

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Ultrabasic rocks (Cont.)

SOV/1485

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3(5)

PHASE I BOOK EXPLOITATION 807/1923

Akademiya nauk SSSR. Otdeleniye geologo-geograficheskikh nauk.
 Knigi po probleme "Zakonomernosti rarsescheniya poleznykh iskopayemykh."

Zakonomernosti rarsescheniya poleznykh iskopayemykh (Regularities in the Distribution of Mineral Deposits Vol 1. Moscow, Izd-vo AN SSSR, 1958. 532 p. Errata slip inserted. 8,500 copies printed.

Resp. Ed.: N.S. Shatskiy, Academician; Editorial Board: N.S. Shatskiy, Academician, D.I. Shcherbakov, Academician, N.A. Delyaginavskiy, N.N. Dolgopolov, O.D. Levitskiy, Yu.M. Pushcharovskiy, G.A. Semenov; Ed. of Publishing House: O.I. Nosov; Tech. Ed.: I.M. Guseva

PURPOSE: This book is intended for geologists and petrographers, particularly those interested in the worldwide distribution of minerals and the reasons underlying their occurrence.

COVERAGE: On the basis of particular regional studies this book attempts to establish the rules governing the distribution of metallic and non-metallic ore deposits. The work includes articles on the metallogeny of individual minerals, on broad methodological problems, and on the possibility of predicting the occurrence of a mineral in the USSR on the basis of its occurrence throughout the world. Six maps depicting the distribution of a particular mineral throughout the world are included with the work. References accompany each article.

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PINUS, G.V.

Basic stages in the development of the Paleozoic igneous activity in
the Kuznetsk Ala-Tau. Izv. Sib. otd. AN SSSR Geol. i geofiz.
(MIRA 14:5)
no. 1:3-15 '58.

1. Zapadno-Sibirskiy filial AN SSSR.
(Kuznetsk Ala-Tau—Rocks, Igneous)

PINUS, G.V.; KUZNETSOV, V.A.

Geological structure and metallogeny of the Altai-Sayan
ultrabasic formation. Zakenem. razm. polzsn. isksp. 1:275-288
'58.
(MIRA 12:3)

1. Institut geologii i geofiziki Sibirskego otdeleniya AN SSSR.
(Altai Mountains--Petrology)
(Sayan Mountains--Petrology)

(3),

G V 1 - 2 1 1 4

AUTHOR: Pinus, G. V.

TITLE: I tropikal'nye i subtropikal'nye karakteristiki effusive rok na Primorye. Petrologicheskie i mineralogicheskaya kharakteristika sriyskikh effusive rok.

PERIODICAL: Doklady, 1989, Nr 1, p. 1-4. VPO

ABSTRACT: The investigation was based on the complete particle analysis of typical effusive rocks from Tuva and the rocks were carried out in the analytical laboratories of the Kirovobetskiy mineralogicheskiy institut Zapovednoi nauchno-forsk. na SSSR (Chemical-Metallurgical Institute of the West Siberian Region, AS USSR) and in the Tsentral'naya khimicheskaya laboratoriya Zapovednoi nauchno-forsk. spravch. i metodicheskoye Lab. rok of the West Siberian Geological Administration. In the analyses A. Popova, N. Savchenko, N. A. Krasil'skaya, V. I. Astropovich. A zircon mineral was drawn from each of these analyses according to the A. N. Savchenko method. All zircons were analyzed for the following elements: Mn, Ti, Cu, Zn, Ni, Cr, W, Sr, Yt, P, Ba, Pb, La, Sr, Ce, As, Cd, Hg, Te, Be, Ta, U, Th, Rb, Li, T, H, N, Al, L, etc. The results are summarized.

Card 1, 2

letter material and the scientific literature, the following may be
of interest:

It is N. V. Kurnakov (L. D. Tikhonova) who has made the most extensive
study of the lavas of the Kuril-Kamchatka island arc. According to
the findings of USSR scientists, the lavas of the Kuril-Kamchatka
island arc are divided into three groups: 1) the first group consists
of S-Sch type rocks of a "lava" - volcanic nature. These rocks
are evaluated in numerous literature sources as being extrusive
lavas. This analysis was made on the basis of the presence of
olivine, the group of olivine-nepheline rocks, the presence of
fayalite-magnesite and celadonite-sillite-kerite mineralization which
was formed in the early stages of lava evolution. The
silicification occurs in the upper layers of the lava. By different
methods the lava rocks were found to contain fayalite,
olivine, pyroxene and quartz-feldspar pyroxite. The rocks
underwent the metamorphic evolution from andesite to basaltic
diorite, which can be easily inferred from the presence of
various minerals. The following mineral constituents are present
in the lavas of the Kuril-Kamchatka island arc: olivine,
pyroxene, magnetite, ilmenite, spinel, plagioclase, feldspar,
quartz, orthoclase, andesine, leucite, leucite, nepheline,
apatite, apatite, monazite, zircon, tourmaline, and others.
The remaining minerals of feldspar and pyroxite.

Cart 2, 3

petroleum and Devonian characteristics of the rock sequence from Dava

In Dava area, it is evident that differentiation of the Devonian rocks may affect the later sedimentation because of the nature. There are three types, and the Soviet references.

1. MATAJOW: Institute of Earth Sciences - Czechoslovakia
BSSR, Tbilisi
Institute of Geology and Mineralogy of the Academy of Sciences
Branis, AS USSR, Tbilisi

2. VILKUB: Jindrich, 1

3 (5)
AUTHOR:

Pinus, G. V.

SCV/20-126-5-43, '60

TITLE:

Some Rules of Lower Cambrian Vulcanicity in the Tuva
(Nekotoryye zakonomernosti nizhnekembriyskogo vulkanizma Tuvy)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 5, pp 1068 - 1070
(USSR)

ABSTRACT:

The formations of the vulcanicity mentioned in the title are widely distributed in the Tuva as well as over the whole Altay-Sayan area. In the Tuva, they play an important part in the geological structure by constituting the bottom stage of this geotectonically complicated area. Therefore, the subject mentioned in the title is interesting both theoretically and practically. Subsequently, the author formulates his principal conclusions. The vulcanogenic formations belong to the earliest manifestations of the magmatic processes in the Caledonian syncline of the Tuva. These effusive formations can be regarded as equivalents to the Spilit-Keratophyr formation. These effusives vary from diabases to quartz-feldspar porphyries, and correspond, on the whole, to the group of lime-alkaline rocks. They originated from one single magmatic center owing to the magma differentiation of a basaltic composition. This led to a

Card 1/4

Some Rules of Lower Cambrian Vulcanicity in the Tuva SOV/20-126-5-43/69

decrease in iron elements and gallium, whereas the concentration of zirconium, strontium and barium increased. Apart from some special deviations from the normal evolution, the lavas became more acid in the course of time. The vulcanogenic formations are, on the whole, represented by effusive covers; currents are rare. The effusives are accompanied by pyroclastic rocks. The early eruptive stage comprised underwater lava effusions from crevices. Later on, volcanoes of the central type were formed, the activity of which was accompanied by powerful explosions. The eruptions were interrupted by periods of relative quietness. There was a close connection between the volcanic processes and the tectonic "lift" of the geosynclinal. The climax of volcanic activity coincided, with respect to time, with the evolutionary period of the geosynclinal during which the relief of the sinking trough was complicated. Before the mass effusion of lavas (in the middle (?) of the Aldanskiy period), structural large elements were individualized: the central Tuva underwater elevation, and the surrounding synclinal deflections. They determined the specific sedimentation conditions of the sedimentary-vulcanogenic series in various parts of the area in question. In the transition sections of

Card 2/4

Some Rules of Lower Cambrian Vulcanicity in the Tuva Sov/20-12-5-12/5

these structural-facial zones, which were distinguished by an increased tectonic tension, fractures were produced. These served as outlets for the lava to the earth's surface. The further evolution of the central Tuva elevation brought about its surface differentiation: anticlinal elevations of 2nd order were formed, which were separated by synclinal depressions. At the same time, the network of fractures was complicated. The surfaces comprised by volcanic activity extended. The inclusion of the former is connected with a total depression of the synclinal bed. This took place about the middle of the Lenskoye period of the lower Cambrian. There are extensive analogies of the vulcanicity with other regions of the Altay-Sayan area. By comparing the chemism of the natural rock associations of the lower-Cambrian and lower-Devonian effusives of the Tuva, it was ascertained that their source was formed by a basaltic magma. The Devonian lavas, however, are much more intensely differentiated. The gravel-polymetallic deposits known in the Tuva are genetically connected with the lower-Cambrian volcanic activity.

Card 3/4

Some Rules of Lower Cambrian Vulcanicity in the Tuva Sov/20-126-5-43/69

ASSOCIATION: Institut geologii i geofiziki Sibirskego otdeleniya Akademii
nauk SSSR (Institute of Geology and Geophysics of the Siberian
Section of the Academy of Sciences, USSR)

PRESENTED: February 9, 1959, by A. L. Yanshin, Academician

SUBMITTED: February 9, 1959

Card 4/4

PINUS, G. V., Doc Geol-Min Sci -- (abs) "Cambrian magmatism and met-allogeny in Java." Novosibirsk, 1980. 56 pp; (Siberian Division of the Academy of Sciences, USSR, Inst of Geology B.L. PEROVSKY); Translated price not given; (Inst of Geology, Acad. of Sci. of USSR, Inst. of Geology, B.L. PEROVSKY)

PINUS, G.V.; KOLESNIK, Yu.N.

Metamorphic pyroxenites in Tuva. Geol. i geofiz. no.3:39-45 '65.
(MIRA 13:9)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
(Tuva Autonomous Province--Pyroxenite)

PINUS, G.V.

A new genetic type of sedimentary iron ores in the Altai-Sayan area. Dokl.AN SSSR 134 no.2:433-434 S '60. (MIRA 1):9)

1. Institut geologii i geofiziki Sibirskogo otdeleniya Akademii nauk SSSR. Predstavлено акад. N.M.Strakhovym.
(Tannu-Ola region--Iron ores)

"APPROVED FOR RELEASE: 06/15/2000

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APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001340920018-3"

KOMS, A.Y.

Some problems of the ownership of Canning Alpinet in
Altai Republic in the southern part of Siberia. General info.
No. 1. 814.9-12.42 D-65 (Urgent)

1. Below are listed 1) of Irkki Sibirskogo statel'nogo
AN SSSR, Novosibirsk. Submitted November 19, 1948.

LEKH, B.M. Petrovich; PINUS, G.V., doktor geologicheskikh nauk;
red.: ZAYTSEVA, I.P., red.

(Ultrabasite-gabbro-granite formation system and the
formation of high-alumina granites. In: Ultrabasite-gabbro-
granite formationnyi riad i formirovaniye vysokosil'vannikh
zemistykh granitov. Novosibirsk. Red.-Izdat. Nauka i Tekhnika
AN SSSR, 1964. 137 p.)

PINUS, G.V.

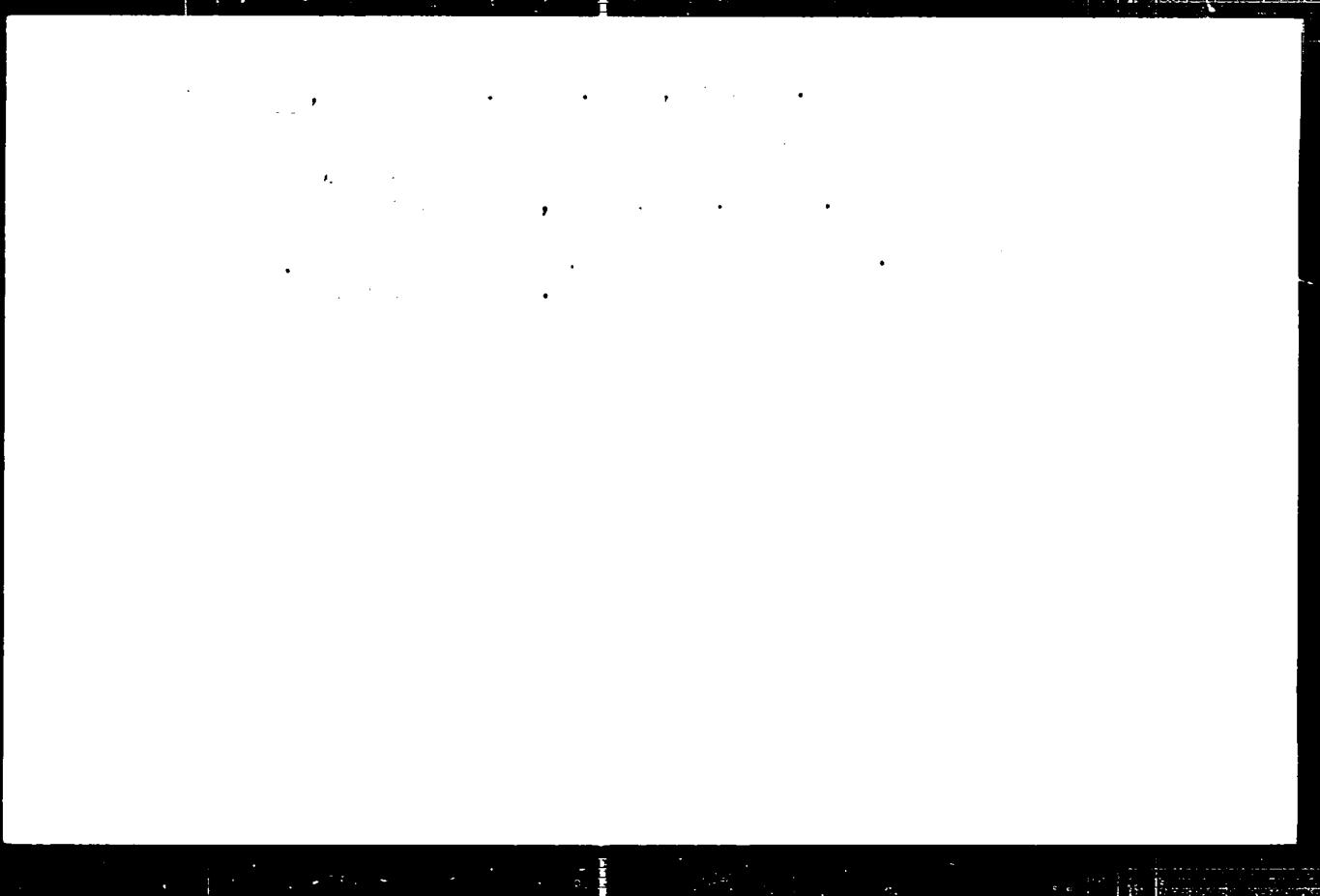
Age of ultrabasites in the Eastern Sayan Mountains and some
associated problems of geology. Geol. i geofiz. no.4: 58-65 '65.

(MIRA 18.8)

1. Institut geologii i geofiziki Sibirskego otdeleniya AN SSSR,
Novosibirsk.

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"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3

PINUS, O.V.; RUDNIK, YU.N.

Orthida ultrabasis Selt. (May 1957, pp. 1-2; Geofiz. i zem. fiz.,
AN SSSR no. 33:44-62, 1957).

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001340920018-3"

VOLOKHOV, I.M.; DOVGAL', V.N.; KOSYGIN, Yu.A.; KUZNETSOV, V.A.;
LUCHITSKIY, I.V.; POSPELOV, S.L.; POLYAKOV, G.V.; PINUS, G.V.;
SOBOLEV, V.S.; TROFIMUK, A.A.; SHAKHOB, F.N.

Professor IUrii Alekseevich Kuznetsov, Corresponding Member of the
Academy of Sciences of the U.S.S.R.; on his 60th birthday. Geol.
i geofiz. n.4:175-180 '64. (MIRA 1:10)

PINUS, G.V.

Magnesioanthophyllite asbestos of Tuva. Zap. ses. min. ob-va 90
no. 3:296-298 '61. (MIRA 14:10,

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
(Tuva Autonomous Province--Asbestos)
(Tuva Autonomous Province--Magnesioanthophyllite)

PINUS, Georgiy Vladimirovich; KUDRIATSEV, V. N., stv red ALFRENDR VENKIV,
P.M., red. SVALYTA, A. M., sekret red.

[Tantu-ula intrusive complex (Tuva) Tschurtschinsk intrusives complex
(Tuva) Novosibirsk, Izdat-vo Sibirskogo otdelenija AN SSSR, 1971.
100 p. (Akademika nauk SSSR. Vsesoyuznyj geofizicheskiy institut. Trudy
i geofiziki. Trudy, no. 1).

1. Chlen-korrespondent AN SSSR (for Buznetsov)
(Tantu-ula, v. 1-2, 1971, 1972.)